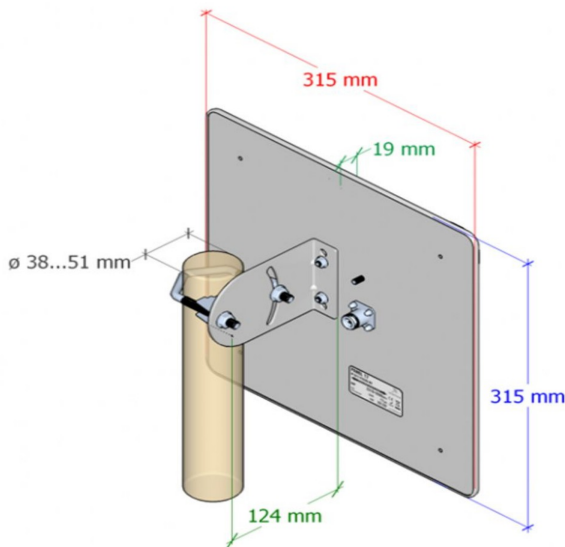


## Assembly instructions Beam-antenna for ALF

### Fundamental:

This antenna is a beam-antenne designed for the 2.4 GHz WLAN frequency band with a performance gain of 17dbi. Through the rich performance gain and the strong signal bundling, very high distances can be bridged. The assembly takes place on a rod with diameter 38 - 51mm. The antenna cable must be tightly screwed after assembly, mounting the two antennas in direct alignment to each other.

### Installation:



**Attention:** No liability for performance or durability problems, losses are taken over if the assembly was not carried out according to this manual.

Under the web-address <https://www.process-informatik.de> are product specific documentations or software-driver/-tools available to download.  
If you have questions or suggestions about the product, please don't hesitate to contact us.

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**Menutree Website:**

- + Products / docu / downloads
- + Accessories
  - + Antennas / Accessories
  - + Beam antenna for ALF



**QR-Code Website:**



Please make sure to update your drivers before using our products.

## WIFI not allowed, what now?

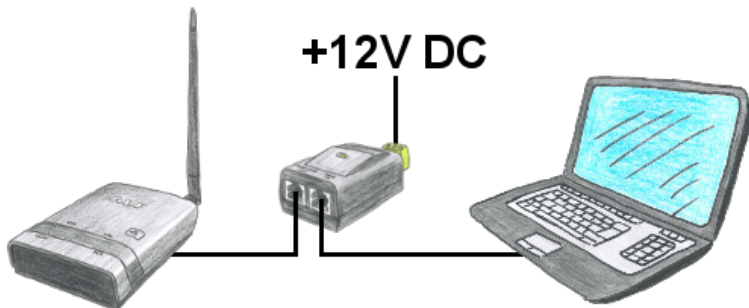


You may not use WIFI in your environment?

Connect the USB-ETHERNET-adapter to the ProfiNet-WATCHDOG's USB-port and create another Ethernet-socket.

Connect your PC directly with LAN-cable to the ProfiNet WATCHDOG.

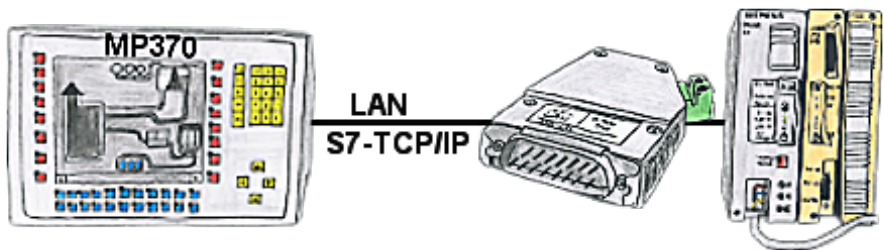
## Passive PoE



You dont want to power ALF with 24V DC because you have in your network PoE "Power over Ethernet" in use. No problem, ALS provides passive PoE, this means he can be powered with the not used cables of the lan-cable with 12V DC. You dont need additional the 24V DC.

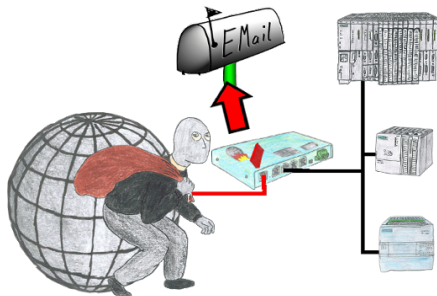
Attention:Dont connect a PoE-cable to a lan-client which dont provides PoE! The device could be damaged!

## Watching of S5- PLC's with panel for S7-PLC



Your panel only has a LAN-socket as PLC-interface and supports only S7-RFC1006, no problem. Connect this socket with the S5-LAN++ and plug it directly on the PD-interface of the PLC. The S5-LAN++ performs adverse your panel as a S7-PLC although you receive the data from the S5-PLC. Then access to the variables and data of the S5-PLC is already available.

## Log messages via e-mail



You want to be informed of access violations and range errors in the communication with your controls? No problem, with the S7-firewall you can be informed about each of these attacks / injuries by email to determine each polluter.